

**Report of
Endangered, Threatened, and Special Concern
Plants, Animals, and Natural Communities
for Whitley County, Kentucky**

**Kentucky State Nature Preserves
Commission
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Kentucky State Nature Preserves Commission

Key for County List Report

Within a county, elements are arranged first by taxonomic complexity (plants first, natural communities last), and second by scientific name. A key to status, ranks, and count data fields follows.

STATUS

KSNPC: Kentucky State Nature Preserves Commission status:

N or blank = none E = endangered T = threatened S = special concern H = historic X = extirpated

USESA: U.S. Fish and Wildlife Service status:

blank = none C = candidate LT = listed as threatened LE = listed as endangered
SOMC = Species of Management Concern

RANKS

GRANK: Estimate of element abundance on a global scale:

G1 = Critically imperiled	GU = Unrankable
G2 = Imperiled	G#? = Inexact rank (e.g. G2?)
G3 = Vulnerable	G#Q = Questionable taxonomy
G4 = Apparently secure	G#T# = Intraspecific taxa (Subspecies and variety abundances are coded with a 'T' suffix; the 'G' portion of the rank then refers to the entire species)
G5 = Secure	
GH = Historic, possibly extinct	GNR = Unranked
GX = Presumed extinct	GNA = Not applicable

SRANK: Estimate of element abundance in Kentucky:

S1 = Critically imperiled	SU = Unrankable	Migratory species may have separate ranks for different population segments (e.g. S1B, S2N, S4M): S#B = Rank of breeding population S#N = Rank of non-breeding population S#M = Rank of transient population
S2 = Imperiled	S#? = Inexact rank (e.g. G2?)	
S3 = Vulnerable	S#Q = Questionable taxonomy	
S4 = Apparently secure	S#T# = Intraspecific taxa	
S5 = Secure	SNR = Unranked	
SH = Historic, possibly extirpated	SNA = Not applicable	
SX = Presumed extirpated		

COUNT DATA FIELDS

OF OCCURRENCES: Number of occurrences of a particular element from a county. Column headings are as follows:

E - currently reported from the county
H - reported from the county but not seen for at least 20 years
F - reported from county & cannot be relocated but for which further inventory is needed
X - known to have extirpated from the county
U - reported from a county but cannot be mapped to a quadrangle or exact location.

The data from which the county report is generated is continually updated. The date on which the report was created is in the report footer. Contact KSNPC for a current copy of the report.

Please note that the quantity and quality of data collected by the Kentucky Natural Heritage Program are dependent on the research and observations of many individuals and organizations. In most cases, this information is not the result of comprehensive or site-specific field surveys; many natural areas in Kentucky have never been thoroughly surveyed, and new species of plants and animals are still being discovered. For these reasons, the Kentucky Natural Heritage Program cannot provide a definitive statement on the presence, absence, or condition of biological elements in any part of Kentucky. Heritage reports summarize the existing information known to the Kentucky Natural Heritage Program at the time of the request regarding the biological elements or locations in question. They should never be regarded as final statements on the elements or areas being considered, nor should they be substituted for on-site surveys required for environmental assessments.

KSNPC appreciates the submission of any endangered species data for Kentucky from field observations. For information on data reporting or other data services provided by KSNPC, please contact the Data Manager at:

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						E	H	F	X	U
Whitley	Mosses	<i>Bryum miniatum</i>		E /	G3G4 / S1?	1	0	0	0	0
Whitley	Mosses	<i>Dicranodontium asperulum</i>		E /	G4G5 / S1?	0	1	0	0	0
Whitley	Vascular Plants	<i>Agalinis obtusifolia</i>	Ten-lobed False Foxglove	E /	G4G5Q / S1	1	0	0	0	0
Whitley	Vascular Plants	<i>Ageratina luciae-brauniae</i>	Lucy Braun's White Snakeroot	S / SOMC	G3 / S3	6	3	0	0	0
Whitley	Vascular Plants	<i>Aralia nudicaulis</i>	Wild Sarsaparilla	E /	G5 / S3?	1	0	0	0	0
Whitley	Vascular Plants	<i>Baptisia tinctoria</i>	Yellow Wild Indigo	T /	G5 / S1S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Bartonia virginica</i>	Yellow Screwstem	T /	G5 / S2	4	0	0	0	0
Whitley	Vascular Plants	<i>Calopogon tuberosus</i>	Grass Pink	E /	G5 / S1	1	0	0	0	0
Whitley	Vascular Plants	<i>Calycanthus floridus</i> var. <i>glaucus</i>	Eastern Sweetshrub	T /	G5T5 / S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Castanea pumila</i>	Allegheny Chinkapin	T /	G5 / S2	1	1	0	0	0
Whitley	Vascular Plants	<i>Chrysosplenium americanum</i>	American Golden-saxifrage	T /	G5 / S2?	1	0	0	0	0
Whitley	Vascular Plants	<i>Collinsonia verticillata</i>	Whorled Horse-balm	E /	G3G4 / S1?	1	0	0	0	0
Whitley	Vascular Plants	<i>Coreopsis pubescens</i>	Star Tickseed	S /	G5? / S2S3	2	0	2	0	0
Whitley	Vascular Plants	<i>Corydalis sempervirens</i>	Rock Harlequin	S /	G4G5 / S3?	1	0	0	0	0
Whitley	Vascular Plants	<i>Eupatorium semiserratum</i>	Small-flower Thoroughwort	E /	G5 / S1?	1	0	0	0	0
Whitley	Vascular Plants	<i>Eurybia radula</i>	Rough-leaved Aster	E /	G5 / S1?	1	0	0	0	0
Whitley	Vascular Plants	<i>Gentiana decora</i>	Showy Gentian	S /	G4? / S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Gratiola pilosa</i>	Shaggy Hedgehyssop	T /	G5? / S2	4	0	0	0	0
Whitley	Vascular Plants	<i>Gratiola viscidula</i>	Short's Hedgehyssop	S /	G4G5 / S3	0	0	0	1	0
Whitley	Vascular Plants	<i>Hexastylis contracta</i>	Southern Heartleaf	E / SOMC	G3 / S1	1	0	0	0	0
Whitley	Vascular Plants	<i>Houstonia serpyllifolia</i>	Michaux's Bluets	E /	G4? / S1	1	0	0	0	0
Whitley	Vascular Plants	<i>Hypericum crux-andreae</i>	St. Peter's-wort	T /	G5 / S2S3	2	1	0	1	0
Whitley	Vascular Plants	<i>Hypericum pseudomaculatum</i>	Large Spotted St. John's-wort	H /	G5? / SH	0	1	0	0	0
Whitley	Vascular Plants	<i>Lathyrus palustris</i>	Vetchling Peavine	T /	G5 / S2	3	0	1	0	0
Whitley	Vascular Plants	<i>Lathyrus venosus</i>	Smooth Veiny Peavine	S /	G5 / S2S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Lilium philadelphicum</i>	Wood Lily	T /	G5 / S2S3	3	0	0	0	0
Whitley	Vascular Plants	<i>Liparis loeselii</i>	Loesel's Twayblade	T /	G5 / S2S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Lobelia nuttallii</i>	Nuttall's Lobelia	T /	G4G5 / S2	7	2	1	1	0

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Whitley	Vascular Plants	<i>Orontium aquaticum</i>	Golden Club	T /	G5 / S2	2	1	0	0	0
Whitley	Vascular Plants	<i>Platanthera cristata</i>	Yellow-crested Orchid	T /	G5 / S1S2	5	1	0	0	0
Whitley	Vascular Plants	<i>Platanthera integrilabia</i>	White Fringeless Orchid	E / C	G2G3 / S1	1	1	0	0	0
Whitley	Vascular Plants	<i>Podostemum ceratophyllum</i>	Threadfoot	S /	G5 / S3	0	1	0	0	0
Whitley	Vascular Plants	<i>Polygala cruciata</i>	Crossleaf Milkwort	E /	G5 / S1	1	1	0	0	0
Whitley	Vascular Plants	<i>Rhynchosia tomentosa</i>	Hairy Snoutbean	E /	G5 / S1S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Rhynchospora recognita</i>	Globe Beaked-rush	S /	G5? / S3	8	0	0	0	0
Whitley	Vascular Plants	<i>Sabatia campanulata</i>	Slender Marsh Pink	E /	G5 / S1	1	0	0	0	0
Whitley	Vascular Plants	<i>Scleria ciliata</i>	Fringed Nutrush	E /	G5 / S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Scutellaria saxatilis</i>	Rock Skullcap	T /	G3 / S2S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Silphium wasiotense</i>	Appalachian Rosinweed	S / SOMC	G3 / S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Solidago gracillima</i>	Southern Bog Goldenrod	S /	G4? / S2?	1	0	0	0	0
Whitley	Vascular Plants	<i>Solidago puberula</i>	Downy Goldenrod	S /	G5 / S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Solidago simplex ssp. randii var. racemosa</i>	Rand's Goldenrod	S /	G5T3? / S3	6	0	0	0	0
Whitley	Vascular Plants	<i>Spiraea virginiana</i>	Virginia Spiraea	T / LT	G2 / S2	1	0	0	0	0
Whitley	Vascular Plants	<i>Stenanthium gramineum</i>	Eastern Featherbells	T /	G4G5 / S2S3	1	0	0	0	0
Whitley	Vascular Plants	<i>Symphotrichum concolor</i>	Eastern Silvery Aster	T /	G5 / S2	3	0	0	0	0
Whitley	Vascular Plants	<i>Tephrosia spicata</i>	Spiked Hoary-pea	E /	G4G5 / S1S2	5	1	0	0	0
Whitley	Vascular Plants	<i>Trichostema setaceum</i>	Narrowleaved Bluecurls	E /	G5 / S1	0	0	0	1	0
Whitley	Terrestrial Snails	<i>Fumonelix wetherbyi</i>	Clifty Covert	S /	G2G3 / S2	2	2	0	0	0
Whitley	Freshwater Mussels	<i>Alasmidonta atropurpurea</i>	Cumberland Elktoe	E / LE	G1G2 / S1	1	2	0	5	0
Whitley	Freshwater Mussels	<i>Anodontoides denigratus</i>	Cumberland Papershell	E / SOMC	G1 / S1	1	0	0	3	0
Whitley	Freshwater Mussels	<i>Epioblasma capsaeformis</i>	Oyster Mussel	E / LE	G1 / S1	0	0	0	1	0
Whitley	Freshwater Mussels	<i>Lampsilis ovata</i>	Pocketbook	E /	G5 / S1	0	0	0	3	0
Whitley	Freshwater Mussels	<i>Ptychobranchus subtentum</i>	Fluted Kidneyshell	E / C	G2 / S1	0	0	0	1	0
Whitley	Freshwater Mussels	<i>Villosa lienosa</i>	Little Spectaclecase	S /	G5 / S3S4	0	0	0	1	0
Whitley	Freshwater Mussels	<i>Villosa trabalis</i>	Cumberland Bean	E / LE	G1 / S1	0	0	0	3	0
Whitley	Crustaceans	<i>Cambarus buntingi</i>	Longclaw Crayfish	S /	G4 / S3	3	0	0	0	0

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Whitley	Crustaceans	<i>Cambarus parvoculus</i>	Mountain Midget Crayfish	T /	G5 / S2	0	1	0	0	0
Whitley	Insects	<i>Amphiagrion saucium</i>	Eastern Red Damsel	E /	G5 / S1	0	1	0	0	0
Whitley	Insects	<i>Lytrosis permagnaria</i>	A Geometrid Moth	E / SOMC	G3G4 / S1	0	1	0	0	0
Whitley	Insects	<i>Manophylax butleri</i>	A Limnephilid Caddisfly	S /	G2 / S2	1	0	0	0	0
Whitley	Insects	<i>Nannothemis bella</i>	Elfin Skimmer	E /	G4 / S1S2	0	1	0	0	0
Whitley	Insects	<i>Polygonia faunus</i>	Green Comma	H /	G5 / SH	0	1	0	0	0
Whitley	Insects	<i>Polygonia progne</i>	Gray Comma	H /	G4G5 / SH	0	1	0	0	0
Whitley	Insects	<i>Pseudanophthalmus calcareus</i>	Limestone Cave Beetle	T / SOMC	G1 / S1	1	0	0	0	0
Whitley	Insects	<i>Speyeria idalia</i>	Regal Fritillary	H / SOMC	G3 / SH	0	0	0	1	0
Whitley	Insects	<i>Stylurus notatus</i>	Elusive Clubtail	E / SOMC	G3 / S1	0	1	0	0	0
Whitley	Fishes	<i>Acipenser fulvescens</i>	Lake Sturgeon	E / SOMC	G3G4 / S1	0	0	0	1	0
Whitley	Fishes	<i>Etheostoma susanae</i>	Cumberland Darter	E / C	G1G2 / S1	8	6	0	1	0
Whitley	Fishes	<i>Phoxinus cumberlandensis</i>	Blackside Dace	T / LT	G2 / S2	37	3	2	2	0
Whitley	Amphibians	<i>Cryptobranchus alleganiensis alleganiensis</i>	Eastern Hellbender	S / SOMC	G3G4T3T4 / S3	0	1	0	0	0
Whitley	Reptiles	<i>Eumeces anthracinus</i>	Coal Skink	T /	G5 / S2	3	0	0	0	0
Whitley	Reptiles	<i>Eumeces inexpectatus</i>	Southeastern Five-lined Skink	S /	G5 / S3	4	0	0	0	0
Whitley	Reptiles	<i>Lampropeltis triangulum elapsoides</i>	Scarlet Kingsnake	S /	G5T5 / S3	0	1	0	0	0
Whitley	Reptiles	<i>Ophisaurus attenuatus longicaudus</i>	Eastern Slender Glass Lizard	T /	G5T5 / S2	4	0	0	0	0
Whitley	Reptiles	<i>Pituophis melanoleucus melanoleucus</i>	Northern Pine Snake	T / SOMC	G4T4 / S2	0	2	0	0	0
Whitley	Breeding Birds	<i>Accipiter striatus</i>	Sharp-shinned Hawk	S /	G5 / S3B,S4N	2	0	0	0	0
Whitley	Breeding Birds	<i>Haliaeetus leucocephalus</i>	Bald Eagle	T / Delisted	G5 / S2B,S2S3N	1	0	0	0	0
Whitley	Breeding Birds	<i>Picoides borealis</i>	Red-cockaded Woodpecker	X / LE	G3 / SX	0	0	0	7	0
Whitley	Breeding Birds	<i>Tyto alba</i>	Barn Owl	S /	G5 / S3	1	0	0	0	0
Whitley	Breeding Birds	<i>Vermivora chrysoptera</i>	Golden-winged Warbler	T / SOMC	G4 / S2B	1	0	0	0	0
Whitley	Mammals	<i>Corynorhinus rafinesquii</i>	Rafinesque's Big-eared Bat	S / SOMC	G3G4 / S3	5	0	0	0	0

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Whitley	Mammals	<i>Myotis leibii</i>	Eastern Small-footed Myotis	T / SOMC	G3 / S2	1	0	0	0	0
Whitley	Mammals	<i>Myotis sodalis</i>	Indiana Bat	E / LE	G2 / S1S2	1	0	0	0	0
Whitley	Mammals	<i>Spilogale putorius</i>	Eastern Spotted Skunk	S /	G5 / S2S3	2	0	0	0	0
Whitley	Mammals	<i>Ursus americanus</i>	American Black Bear	S /	G5 / S2	1	0	0	0	0
Whitley	Communities	<i>Appalachian mesophytic forest</i>		/	GNR / S5	2	0	0	1	0
Whitley	Communities	<i>Appalachian pine-oak forest</i>		/	GNR / S5	2	0	0	0	0
Whitley	Communities	<i>Bottomland hardwood forest</i>		/	GNR / S2	2	0	0	0	0
Whitley	Communities	<i>Calcareous mesophytic forest</i>		/	GNR / S5	3	0	0	0	0
Whitley	Communities	<i>Cumberland plateau gravel/cobble bar</i>		/	GNR / S2	1	0	0	0	0
Whitley	Communities	<i>Riparian forest</i>		/	GNR / S3	1	0	0	0	0
Whitley	Communities	<i>Xerohydric flatwoods</i>		/	GNR / S1S2	1	0	0	0	0
Whitley County Total:						180	39	6	34	0